Panasonic

Operating Instructions

2.4 GHz Portable Station

Model No. KX-TD7694C



Thank you for purchasing a Panasonic 2.4 GHz Portable Station.
Please read this manual carefully before using this product and save this manual for future use.
Please use only the battery provided and charge the battery for about 7 hours before using the handset for the first time.
See page 64 for System Requirements.

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Please read "Important Information" on page 60 before using. Read and understand all instructions.

Accessories (included)

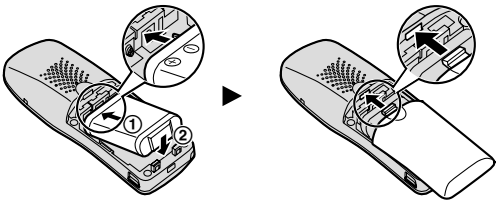
AC adaptor ..... One [Part No.] PQLV207	Charger ..... One [Part No.] PSWETD7694M	Battery ..... One [Part No.] N4HHGMB00005 or HHR-P103
Belt Clip ..... One [Part No.] PSKE1093Z1	Battery Cover ..... One [Part No.] PSYNTD7694MR	Screws and Washers ..... Two [Part No.] Screws: PQHE5004Y Washers: XWG35FJ

- In this manual, the suffix of each model number is omitted unless necessary.
- Displays are described in English as samples.

Installation

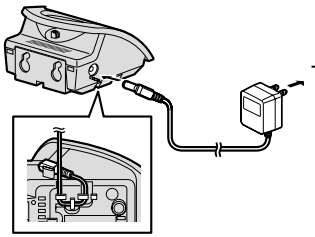
Battery Installation

Insert the battery, and close the cover as indicated below.



Charger Connection

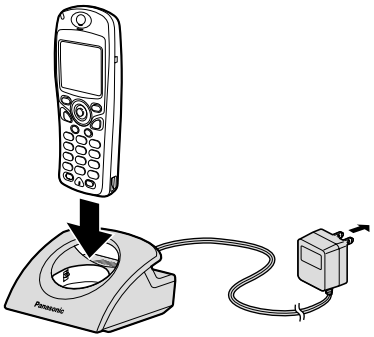
Connect the AC adaptor to the charger.



- The AC adaptor should be connected to a vertically oriented or floor-mounted AC outlet. Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.
- Fasten the AC adaptor cord to the cord holder.
- Use only the Panasonic AC adaptor PQLV207.

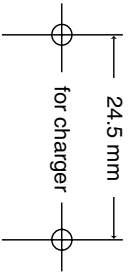
Charging the Battery

At the time of shipment, the battery is not charged. **Please charge the battery for about 7 hours before using the handset for the first time.**

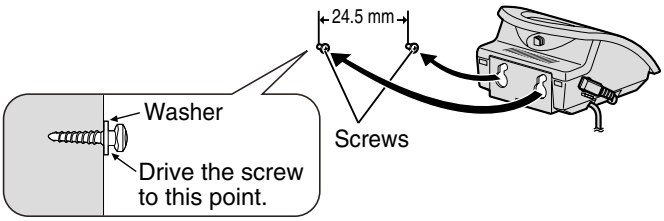


- When the battery has been completely charged, the charge indicator will change from red to green. For more information, refer to “Battery Information” on page 60.
- It is normal for the handset and charger to feel warm while the battery is charging.
- Keep devices sensitive to magnetic fields away from the charger.
- Use only the included charger.

Charger Wall Mounting



1. Install the two included screws in the wall, spacing them 24.5 mm apart.



2. Mount the charger securely on the wall.

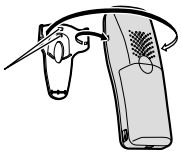
- Make sure that the wall that the charger will be attached to is strong enough to support the weight of the handset and charger (240 g [0.53 lb]). If not, it is necessary for the wall to be reinforced.
- When this product is no longer in use, make sure to detach it from the wall.

Attaching the Belt Clip

You can attach the handset to your belt by following the steps below.

[To attach]

Allows phone straps and similar objects to be connected.



Insert the clip into the designated notches in the handset.

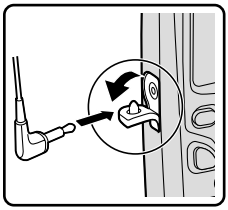
[To remove]



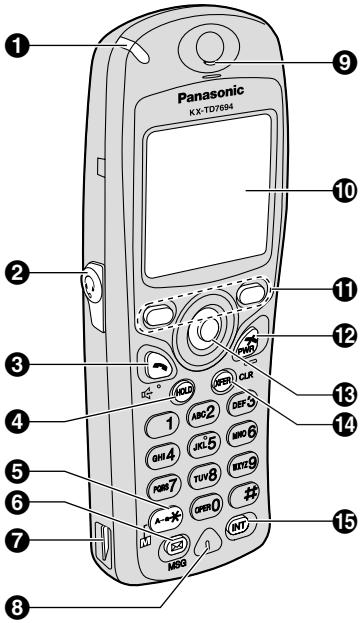
Remove the belt clip.

Location of Controls

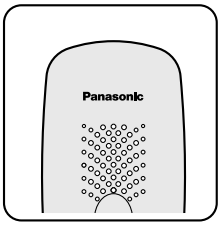
The headset is an option. Please use only a Panasonic headset below:
RP-TCA86/RP-TCA91/
RP-TCA92



Open the cover.



[**Back View**]



Speaker

❿ Press **POWER** for more than 2 seconds.
[**Power On**]
Standby mode
[**Power Off**]
Blank display

❸ Up / Left / Right / Down

You can use the Joy-stick to move the cursor in the desired direction. Press the centre button to confirm a selection.

❶ **Ringer/Charger Indicator**

❷ **Headset Jack**

❸ **TALK/SP-PHONE (Speakerphone)** Key

Used to make or answer calls, or toggle between the Receiver/Hands-free[*1] mode during a conversation.

❹ **HOLD** Key

Used to place a call on Hold.

❺ **Meeting Mode** Key

Used to turn Meeting Mode on or off when pressed for more than 2 seconds in standby mode.
For more information, refer to “Meeting Mode” on page 9.

❻ **Message** Key

Used to leave a message waiting indication, or to call back the party who left a message waiting indication.

❼ **Charge Contact**

❽ **Microphone**

❾ **Receiver**

❿ **Display**

Refer to “Display” on page 14.

⓫ **Left/Right Soft** Key

Used to select the function displayed directly above each key. Functions are displayed based on the current context.

⓬ **POWER/CANCEL** Key

Used to end calls, exit the Phonebook or Function mode, or turn the handset on or off.

⓭ **Joystick**

Used to adjust the ringer/receiver volume, select Function menus and the function displayed directly above it, and to move the cursor to select a desired item.

⓮ **TRANSFER/CLEAR** Key

Used to transfer a call to another party, or to clear digits or characters.

⓯ **INTERCOM** Key

Used to make or answer intercom calls.

*1 You can talk with the other party alternately through the speaker in a quiet room. During a conversation using a headset, Hands-free mode does not work.

Key Lock

You can lock all keys other than the Joystick while the handset is in standby mode.



Press the **Joystick** for more than 2 seconds to lock/unlock.

[**Display Icon**]

Unlocked



Locked



Meeting Mode

Meeting Mode allows you to turn off the ringer and set the handset to vibrate when calls are received. This can be useful in situations where you do not want to be disturbed, such as during a meeting.

When Meeting Mode is active, the microphone's sensitivity is increased, and the following features are turned off automatically, regardless of their settings.

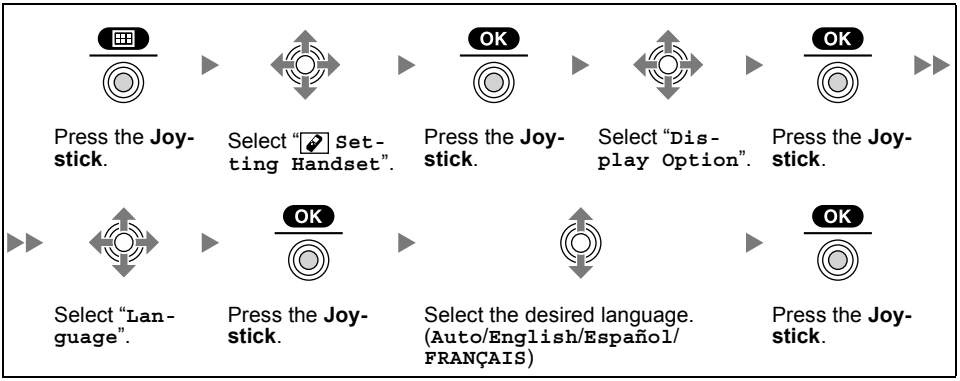
– Ringer Volume
– Ring On Charger
– Auto Answer
– Key Tone
– Range Alarm
– Low Battery Alarm

• If you set the handset on the charger during Meeting Mode, the handset will not vibrate*1.

*1 Please note that if you set the handset on the charger while receiving an incoming call, vibration will stop. Once the vibration stops, the handset will not vibrate again for that call, even if the handset is lifted up again. (If Quick Answer is set, lifting up the handset will answer the call.)

Selecting the Display Language

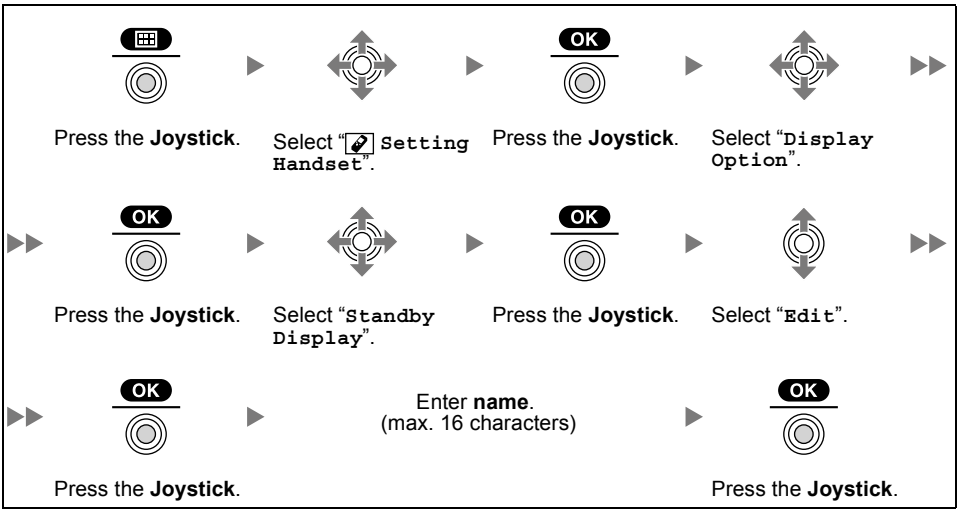
You can select the desired language (English/Spanish/French).



- When set to "**Auto**", the language settings of the PBX will be used.
- The display language of both the handset and PBX can be selected, and both should be set to the same language. For more information, refer to the user documentation for your PBX.

Editing the Standby Display Name

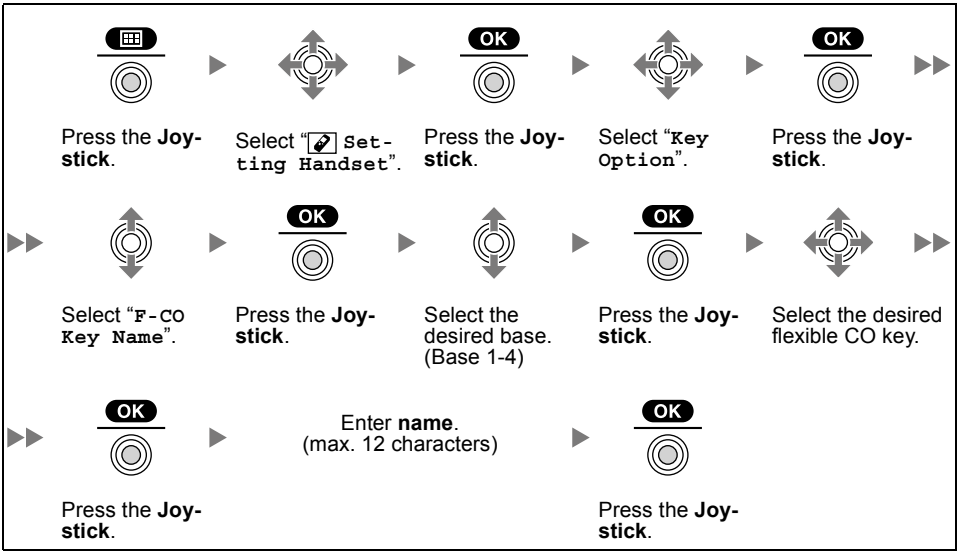
You can edit the name of the standby mode display of the handset.



- To enter characters, see page 42.

Editing the Names of the Flexible CO Keys

You can edit a name for each flexible CO key of the handset.



- To enter characters, see page 42.

Adjusting the Ringer Volume



Press the **Joystick**.



Select "Ringer Volume".



Press the **Joystick**.



Select the desired setting. (**Step Up**/**Step Down**/**Level 1**-**6**/**Off**)



Press the **Joystick**.

- To set the ringer pattern, see page 49.

Adjusting the Ringer Volume or Turning the Ringer off while Ringing

While receiving a call
[**To adjust the ringer volume**]



Move the **Joystick UP** or **DOWN** to adjust the volume.*1

[**To turn the ringer off**]



Press the **Joystick**.

OR

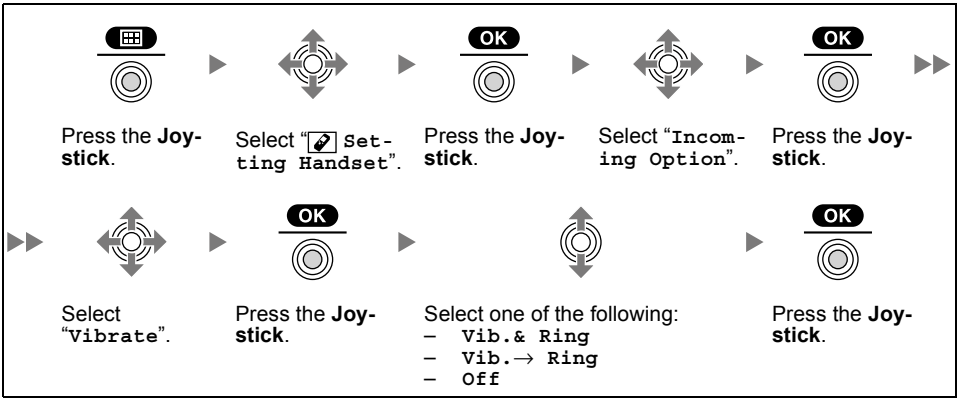


Press **CANCEL**.

*1 The adjusted volume level will also be used for subsequent calls.

- If you attach the headset while receiving an incoming call, the ring from the handset does not switch to the headset. If you attach the headset before receiving an incoming call, and headset tone is set to on, a tone will be heard from the headset. If Vibrate is set to on, the handset will vibrate whether a headset is attached or not.

Changing the Vibrate Setting



Press the **Joystick**.

Select "Setting Handset".

Press the **Joystick**.

Select "Incoming Option".

Press the **Joystick**.

Select "Vibrate".

Press the **Joystick**.

Select one of the following:
- Vib.& Ring
- Vib.→ Ring
- Off

Press the **Joystick**.

- To set Vibrate only, without ringing, select "**Vib.& Ring**" and set the Ringer Volume to off, or turn Meeting Mode on. (See page 9, 12.)

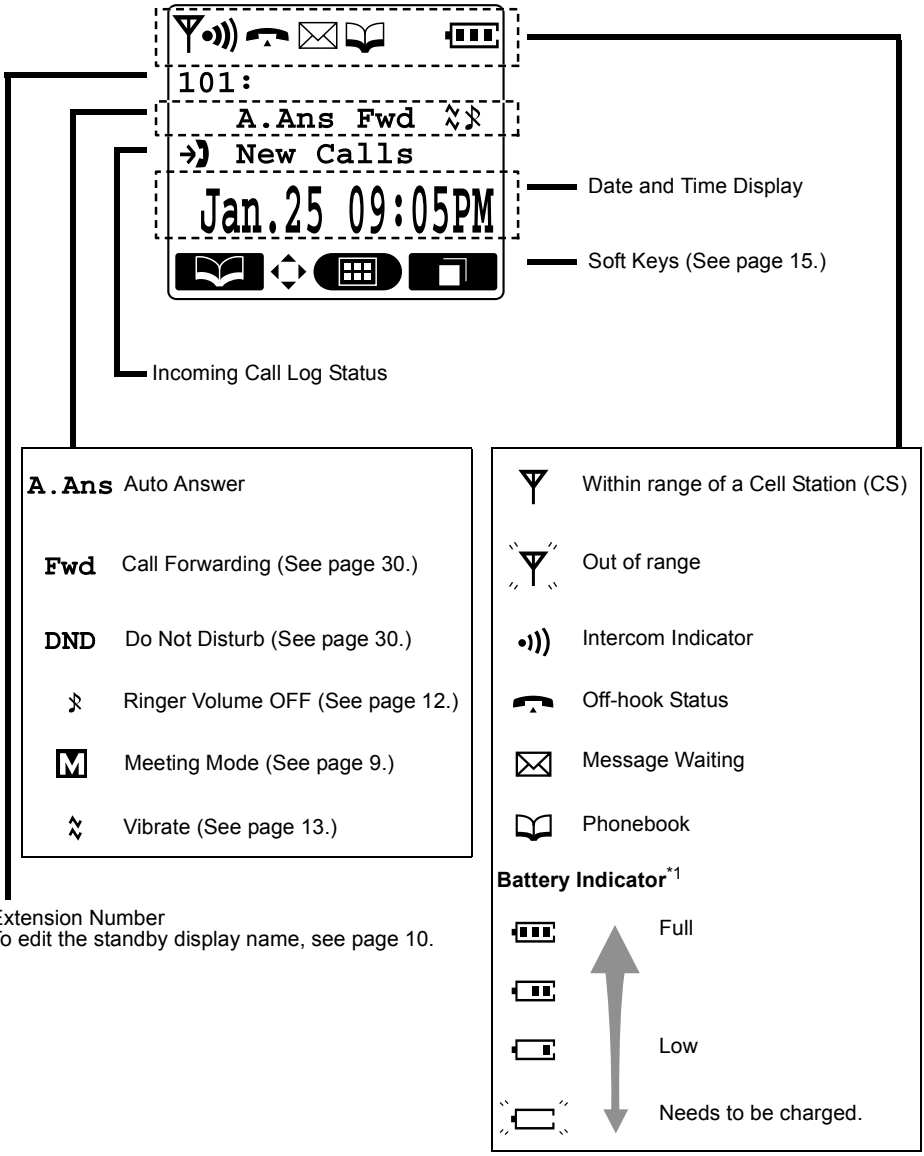
Adjusting the Receiver/Speaker/Headset Volume

During a conversation



Move the **Joystick UP** or **DOWN** to adjust the volume.
(Receiver Volume—Level 1-4, Speaker Volume—Level 1-6, Headset Volume—Level 1-4)

Display



*1 Refer to “Battery Information” on page 60.

Soft Keys

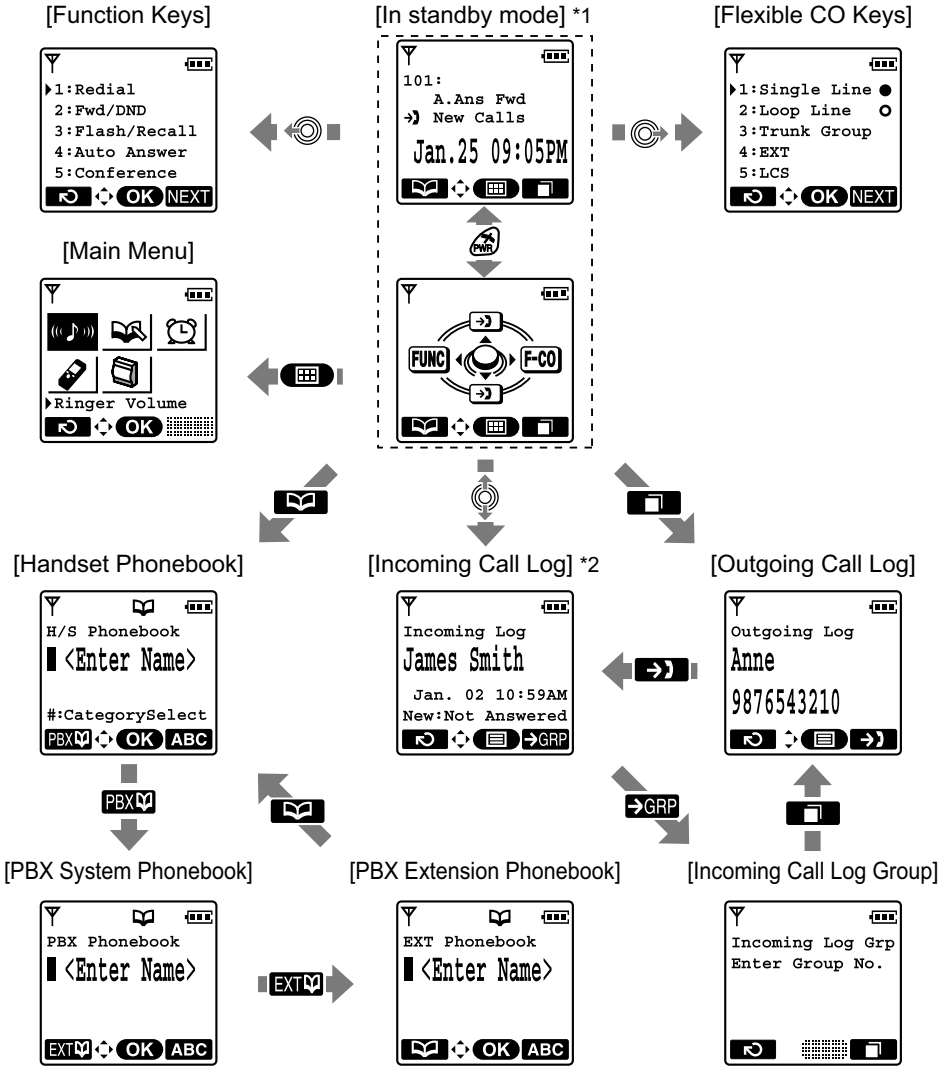
Icons and information shown on the display will vary depending on the context. To select an item shown on the display, press the corresponding soft keys.

	Opens the Phonebook. Pressing this key for more than 2 seconds locks the Phonebook.	+ À Â	Displayed when in Special character entry mode. Pressing this key switches to Alphabetic character entry mode.
	Displayed when in Phonebook Lock. Pressing this key and then entering the password (default: 1234), unlocks the Phonebook temporarily. Pressing for more than 2 seconds, then entering the password (default: 1234), unlocks the Phonebook.	P	Inserts a dialling pause.
	Stores a new item in the Phonebook.	CLR	Clears digits or characters.
PBX	Opens the PBX System Phonebook.		Turns the microphone mute on or off during a conversation. Flashes when Mic Mute is on.
EXT	Opens the PBX Extension Phonebook.		Turns the ringer off.
H/S	Displays the caller information stored in the Handset Phonebook while receiving a call.		Opens the main menu. Pressing this key for more than 2 seconds locks all keys.
PBX	Displays the caller information stored in the system while receiving a call.		Returns to the previous display.
	Establishes a multiple-party conversation (Conference).		Opens the list menu (edit/delete in the Phonebook, etc.).
	Searches for an item in the Phonebook alphabetically.	OK	Confirms the entry.
ABC	Displayed when in Alphabetic character entry mode. Pressing this key switches to Numeric character entry mode.		Displayed when in Key Lock mode. Pressing this key for more than 2 seconds unlocks the keys.
0 - 9	Displayed when in Numeric character entry mode. Pressing this key switches to Special character entry mode.	NEXT	Advances to the next display.

	Displays the Outgoing Call Log.	DEL	Used to clear the Memo Alarm display setting.
REDL	Displays the last dialled number.		Used to enter an "x" when storing the Line Access CD.
	Opens the Incoming Call Log.	RCL	Disconnects the current call and make another call without hanging up.
GRP	Opens the Incoming Call Log Group.	F	Used to register the handset with the PBX simply.
	Used to select an item when in setting mode.		Displayed when it is possible to use an arrow key to make a selection.
AM/PM	Used to select AM or PM when setting the Memo Alarm feature.		Displayed when the corresponding soft key has no function.

Operation Outline

Handset functions are accessed through the display menu and selected with the Joystick and soft keys. The guidance display is shown in standby mode for easy operation.



*1 You can select whether the guidance display is shown or not. (See page 52.)

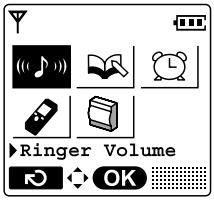
*2 Moving the Joystick displays the phone number.

- To enter characters, see page 42. To search for an item stored in the Phonebook, see page 24.

Function Menus

Press the Joystick to display the main and sub menus.

Main Menu—While in Standby Mode



Ringer Volume:
Accesses the "**`Ringer Volume`**" setting.

New Phonebook:
Stores a new item in the Phonebook.

Memo Alarm:
Accesses the "**`Memo Alarm`**" settings.

Setting Handset:
Accesses the "**`Setting Handset`**" settings.

PBX Program:
Enters PBX Personal Programming mode.
For PBX Personal Programming, refer to the user documentation for your PBX. Press PWR to exit from PBX Personal Programming mode.

Sub Menu—While Off-hook/During a Conversation



Phonebook:
Opens the Phonebook.

New Phonebook:
Stores a new item in the Phonebook.

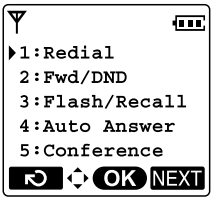
Outgoing Call Log:
Enters the Outgoing Call Log.

Incoming Call Log:
Enters the Incoming Call Log.

Function Keys

Functions of the handset can be activated through the display key list.

Move the Joystick to display the feature key list.



1: Redial
Redials the last dialled number.

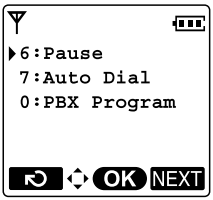
2: Fwd/DND
Displays and/or sets Call Forwarding and Do Not Disturb.

3: Flash/Recall
Disconnects the current call and make another call without hanging up.



4: Auto Answer
Answers an incoming call automatically in hands-free mode. "**A.Ans**" is displayed in standby mode.

5: Conference
Establishes a multiple-party conversation.



6: Pause
Inserts a dialling pause.

7: Auto Dial
Makes a call through PBX Personal/System Speed Dialling.

0: PBX Program
Enters PBX Personal Programming mode. Press PWR to exit from PBX Personal Programming mode.

- For PBX Personal Programming, refer to the user documentation for your PBX.

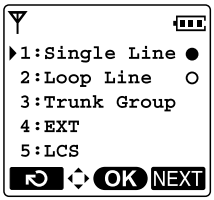
Shortcut Combinations			
1	**Redial**	JKL 5	**Conference**
ABC 2	**Fwd/DND**	MNO 6	**Pause**
DEF 3	**Flash/Recall**	PQRS 7	**Auto Dial**
GHI 4	**Auto Answer**	OPER 0	**PBX Program**

- For operation, see page 21.
- To edit the function key list, see page 51.

Flexible CO Keys

A flexible CO key can be used either to seize a line in order to make or receive an outside call (F-CO key), or used as a function key. Move the Joystick to display the flexible CO key list. Here you can access the 12 flexible CO keys. The icon shown beside each F-CO key indicates line status similarly to the LED indicators on a Proprietary Telephone; ● is the same as a green LED, and ○ is the same as a red LED.

[Example]



Understanding the F-CO Key Icons*1

●	(on):	You are currently using this line.
●	(flashing rapidly):	You have an incoming call on this line. (An outside call is coming in on a single extension.)
●	(flashing slowly):	You have a call on hold on this line.
○	(on):	This line is in use by someone else.
○	(flashing rapidly):	You have an incoming call on this line. (An outside call is coming in on multiple extensions simultaneously.)
○	(flashing slowly):	Someone has a call on hold on this line.
	(no icon)	This line is idle.

*1 The meanings of these icons vary depending on the status of the CO line.

- To select a key, press its key number, or move the Joystick to select the desired key and press OK.
- To edit the names of flexible CO keys, see page 11.
- For more information, refer to the feature documentation for your PBX.

Making Calls

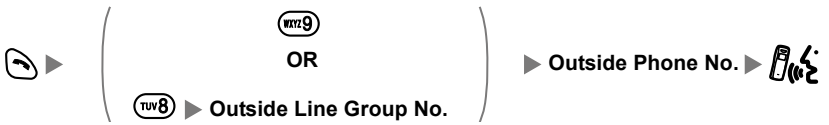
Calling

To an extension

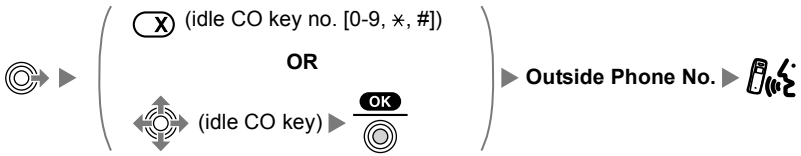


To an outside party

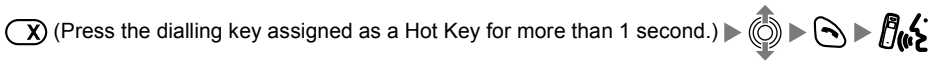
To use the Line Access Numbers



To use Flexible CO Keys



To use Hot Key Dial[*1]



To use the Outgoing Call Log[*2]



To use the Incoming Call Log



To use the Incoming Call Log Group



To use the Handset Phonebook[*3]



Calling

To use the PBX System Phonebook[*2] [*3]

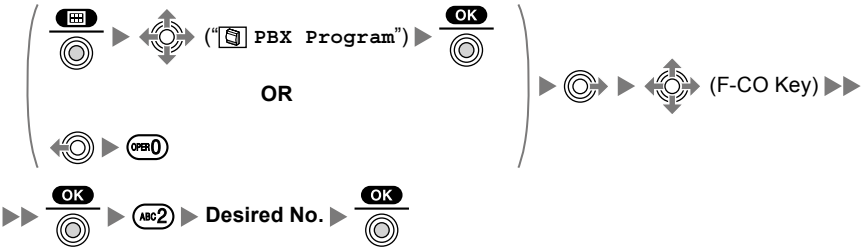


To use the PBX Extension Phonebook[*3]

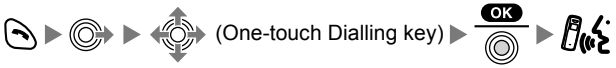


One-touch Dialling

To store



To dial



Hot Line

To store



To set/cancel

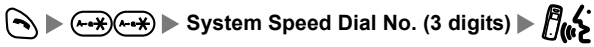


To dial



Operator Call



<table>
<tr><th colspan="2">System Speed Dialling</th></tr>
<tr><td colspan="2">To dial
 
System Speed Dial No. (3 digits) ▶ </td></tr>
<tr><th colspan="2">Doorphone Call</th></tr>
<tr><td colspan="2"> 
Doorphone No. (2 digits) ▶ </td></tr>
<tr><th colspan="2">Automatic Callback Busy</th></tr>
<tr><td>To set
While hearing a busy tone
  </td><td>To cancel
  </td></tr>
<tr><td>To answer from an idle extension
While hearing a callback ring
  </td><td>To answer from an idle outside line
While hearing a callback ring
 
Outside Phone No. ▶ </td></tr>
</table>

*1 To assign a phone number to a Hot Key, see page 41.

*2 When a call is made using the PBX System Phonebook, the called party's name is not stored in the Outgoing Call Log. To log the name as well as the number, copy the item into the Handset Phonebook before dialling it. (See page 39.)

*3 To store an item in the Phonebook, see page 35.
To search for an item stored in the Phonebook, see page 24.

*4 This step can be omitted.

- To enter characters, see page 42.
- You can confirm that the number was dialled correctly before calling (**Predialling**) by entering the number, then pressing .
- To clear an entire number while predialling, press XFER for more than 1 second.
- If an outside call is received from a phone number stored in the Handset Phonebook, the number and name of the caller will be displayed in the call log.
- To cancel dialling, press PWR.
- If " " flashes, move closer to the CS and dial again.
- For more information, refer to the user documentation for your PBX.

Searching for an item stored in the Phonebook

You can search for an item in the Phonebook by following the steps below.

Handset Phonebook

Scrolling through all items



Press the **Left Soft Key**.



Press the **Joystick UP** or **DOWN** repeatedly.

Searching by name or first character(s) of name



Press the **Left Soft Key**.

Enter name or first character of the desired name.



Press the **Joystick**.

OR



Move the **Joystick UP** or **DOWN**.



Select the desired item. (if required)

Searching by category



Press the **Left Soft Key**.



Press **#**.



Select the desired Category Number.



Press the **Joystick**.

Enter **name**.*1



Press the **Joystick**.

OR



Move the **Joystick UP** or **DOWN**.



Select the desired item. (if required)

*1 This step can be omitted.

- To enter characters, see page 42.
- While an item is displayed you can:
  - Return to the "**<Enter Name>**" display by pressing  , then search for another item.

– Search for another item by pressing the dial key that corresponds to the letter you are searching for. If there is no entry that corresponds to the letter you selected, the next entry will be displayed.

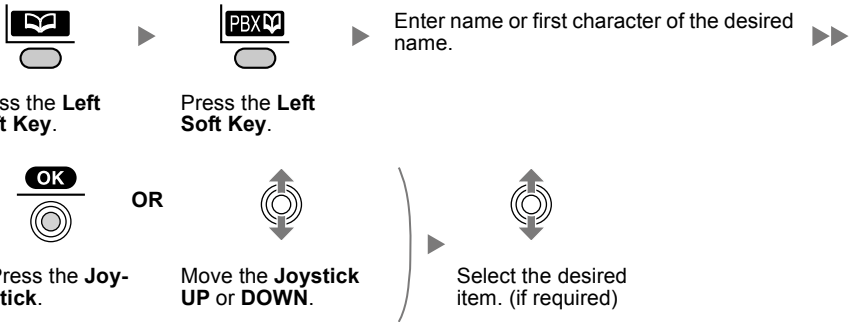
PBX System Phonebook

Scrolling through all items



Press the **Left Soft Key**. Press the **Left Soft Key**. Press the **Joystick UP** or **DOWN** repeatedly.

Searching by name or first character(s) of name



Press the **Left Soft Key**. Press the **Left Soft Key**. Enter name or first character of the desired name.

Press the **Joystick**. Move the **Joystick UP** or **DOWN**. Select the desired item. (if required)

- To enter characters, see page 42.
- While an item is displayed you can:
  - Return to the "**<Enter Name>**" display by pressing , then search for another item.
  - Search for another item by pressing the dial key that corresponds to the letter you are searching for. If there is no entry that corresponds to the letter you selected, the next entry will be displayed.

PBX Extension Phonebook

Scrolling through all items



Press the **Left Soft Key**. → Press the **Left Soft Key**. → Press the **Left Soft Key**. → Press the **Joystick UP** or **DOWN** repeatedly.

Searching by name or first character(s) of name

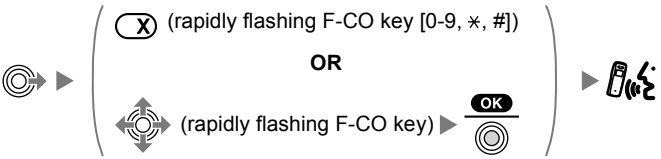


Press the **Left Soft Key**. → Press the **Left Soft Key**. → Press the **Left Soft Key**. → Enter name or first character of the desired name. ▶▶

▶▶  Press the **Joystick**. **OR**  Move the **Joystick UP** or **DOWN**. ▶  Select the desired item. (if required)

- To enter characters, see page 42.
- While an item is displayed you can:
  - Return to the "**<Enter Name>**" display by pressing  , then search for another item.
  - Search for another item by pressing the dial key that corresponds to the letter you are searching for. If there is no entry that corresponds to the letter you selected, the next entry will be displayed.

Receiving Calls

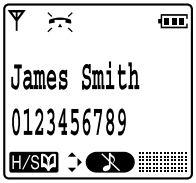
Receiving
An Intercom Call/An Outside Call/An Group Call 
An Intercom Call 
An Outside Call on a specific line 
Call Pickup
Directed **Extension No.** **Group** **Group No. (2 digits)**

- You can also answer a call with the following features:
  - Any Key Answer (See page 51.)
  - Quick Answer (See page 51.)
  - Auto Answer (See page 51.)
- You can select the ringer, LED, and vibrate pattern for each type of incoming call. (See page 49.)
- For more information, refer to the user documentation for your PBX.

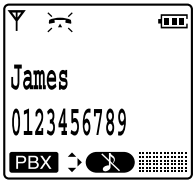
Caller ID

If an outside call that contains Caller ID information (a caller's name and telephone number) is received, this information will be logged in the incoming call log and displayed on the handset in one of the two following ways.

– If the caller's information is stored in the PBX, that information can be displayed.



– If the caller's information is stored in the handset, that information can be displayed.



- If information is stored in both the PBX and in the handset for the same caller, you can choose which information will be displayed on the handset. Caller information stored in the PBX is displayed by default. (See "**Caller ID Disp**" on page 52.) If you set the handset to display the caller information stored in the handset, caller information stored in the PBX will be displayed if the caller is not stored in the handset. When receiving a call, you can display the information stored in the handset by pressing H/SM, and display the information stored in the PBX by pressing PBX.
- The caller information can be displayed even if a line access number, outside line number, or P (P) is stored in the Phonebook. (See "**Line Access CD**" on page 54.)

During a Conversation

Transferring a Call

To an extension

XFER ▶ **Extension No.** ▶  ▶ PWR

To an outside party

XFER ▶ (9 **OR** 8 ▶ **Outside Line Group No.**) ▶ **Outside Phone No.** ▶  ▶ PWR

Holding

To hold (Regular Hold)

HOLD ▶ PWR

To hold (Exclusive Call Hold)

HOLD ▶ HOLD ▶ PWR

To retrieve a call

An Intercom Call

INT ▶ 

An Outside Call

 ▶ (X (slowly flashing F-CO key [0-9, ✳, #]) **OR**  (slowly flashing F-CO key) ▶ OK) ▶ 

Three-party Conference

To add another party during a conversation

 ▶ **Desired Phone No.** ▶  (Talk to the new party.) ▶  ▶▶

▶▶  (Talk with multiple parties.)

To leave a conference

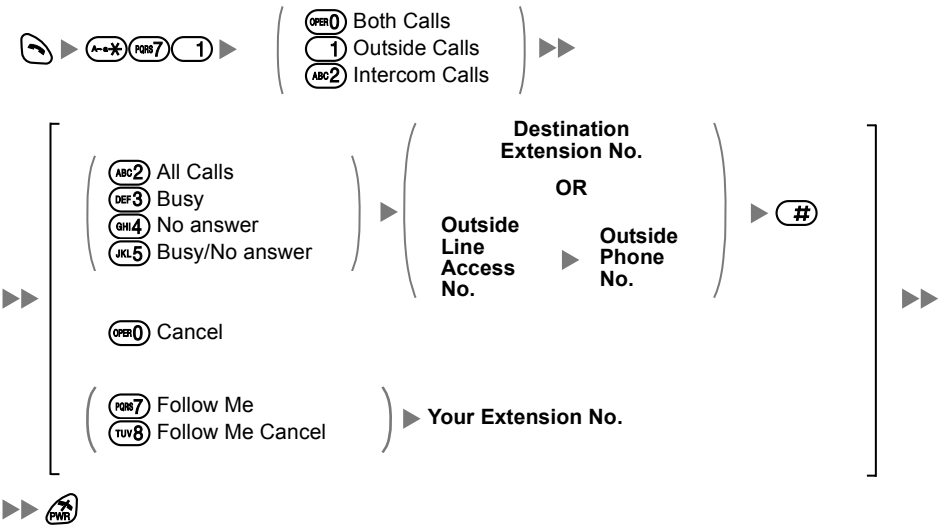
 ▶ PWR

- To return to the call before the transfer destination answers, press XFER.
- The method used to hold a call depends on the Call Hold mode (Regular Hold/ Exclusive Call Hold). Ask your manager what the current mode is.

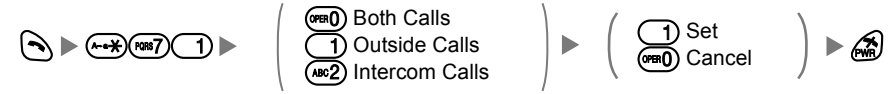
- When you hold several outside calls, you need to assign F-CO Keys (Single Line/Loop Line/Trunk Group) as necessary beforehand.
- For more information, refer to the user documentation for your PBX.

Useful Features

Call Forwarding



Do Not Disturb



Sending a Call Waiting Tone[*1]

While hearing a busy tone

1 ▶ Wait for an answer. ▶

Call Waiting

To set/cancel for intercom calls

▶ ✱ PQRS 7 DEF 3 1 ▶ (OPER 0 No call / 1 Tone) ▶ PWR

To set/cancel for outside calls

▶ ✱ PQRS 7 DEF 3 ABC 2 ▶ (OPER 0 No tone / 1 Tone) ▶ PWR

To talk to the new party *(While hearing the Call Waiting tone)*

To terminate a current status

PWR ▶ ▶

To hold and then talk to the new party

HOLD ▶ [(▶ X (rapidly flashing F-CO Key [0-9, ✱, #]) **OR** ▶ ▶ (rapidly flashing F-CO Key) ▶ OK) **OR** INT] ▶

Disregard this step if both parties are extensions.

Paging

To page

▶ ✱ DEF 3 DEF 3 ▶ **Paging Group No. (2 digits)** ▶ (Announce) ▶▶

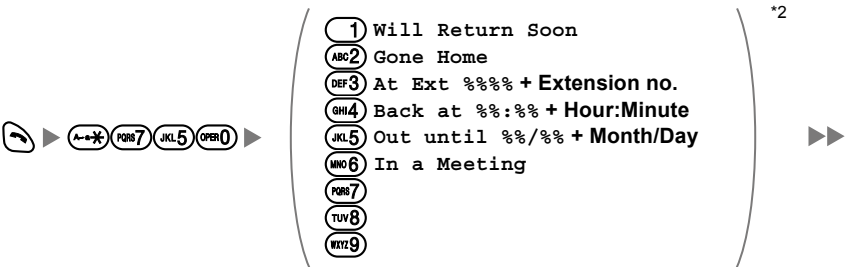
▶▶ Wait for an answer. ▶

To answer

▶ ✱ GHI 4 DEF 3 ▶

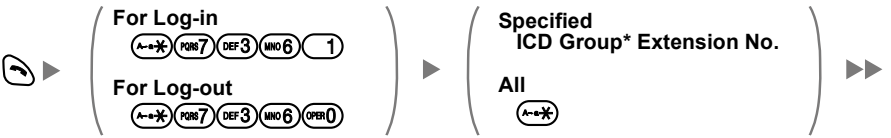
Absent Message

To set



To cancel

Log-in/Log-out



* ICD Group: Incoming Call Distribution Group

Extension Feature Clear

Message Waiting

Caller

To leave a message waiting indication
When the called extension is busy or does not answer

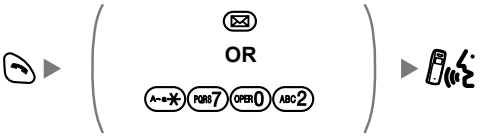
To cancel a message waiting indication

Desired Extension No.

Message Waiting

Called extension

To call back



Extension Dial Lock[*3]

To lock



To unlock



* PIN: Personal Identification Number

*1 You cannot send a call waiting tone when
- the called party has not set the Call Waiting feature.
- the called party has set the Data Line Security feature.

*2 Enter the desired value in the "%" positions. You must enter the correct number of characters as represented by the "%" using 0 to 9 or ⁎.

To change the default messages and create your personal messages (Message no. 9), refer to the documentation for your PBX.

*3 If you do not set an extension PIN, you cannot lock and unlock your extension.

- For more information, refer to the user documentation for your PBX.

Making Use of the Voice Mail Service

Listening to a Message

From your own extension

▶ **VPS* Extension No.** ▶▶
▶▶ **Mailbox Password**[*1] **+** (#)

· If you have no password, you can skip the last step.

* VPS: Voice Processing System

From someone else's extension

▶ **VPS Extension No.** ▶ (#)(MNO 6) ▶▶
▶▶ (A-e-*) ▶ **Mailbox No.** ▶▶
▶▶ **Mailbox Password**[*1] **+** (#)

· If you have no password, you can skip the last step.

KX-TVM series

▶
- (1) Listen to Message
- (ABC 2) Deliver Message
- (DEF 3) Mailbox Management
- (GHI 4) Automated Attendant
- (JKL 5) Message Notification
- (MNO 6) Other Features
- (A-e-*) End Call

KX-TVP series

▶
- (1) Listen to Message
- (ABC 2) Deliver Message
- (DEF 3) Check Mailbox Distribution
- (GHI 4) Automated Attendant
- (JKL 5) Mailbox Management
- (MNO 6) Other Features
- (A-e-*) End Call

Leaving a Message

▶ **VPS Extension No.** ▶

From your own extension

Mailbox Password[*1] **+** (#)

From someone else's extension

(#)(MNO 6) ▶ (A-e-*) ▶ **Mailbox No.** ▶▶
▶▶ **Mailbox Password**[*1] **+** (#)

· If you have no password, you can skip the last step.

▶▶

▶▶ (ABC 2) ▶ Enter the desired mailbox no. ▶ (ABC 2)(1) ▶ Leave a message ▶ (1)(ABC 2) ▶▶

▶▶

To send the message immediately

(1)(ABC 2) (KX-TVM series)

(ABC 2) (KX-TVP series)

To set the delivery time

(1)(1)

▶ Follow the guidance

During Playback

(OPER 0) Repeat Voice Guidance
(A-e-*) Exit Menu

*1 For more information on the Mailbox Password, refer to the user documentation for the VPS.

- Some feature access numbers may vary depending on the market. Please consult your local dealer for the details.

Handset Phonebook

You can store up to 100 items with names, phone numbers, and category numbers in the handset for easy access. You can set unique Ringer/LED/Vibrate patterns for each category to identify incoming calls. All Phonebook items are stored in alphabetical order. For security purposes, you can lock the Phonebook. To make a call using the Phonebook, see page 21.

Private Ring

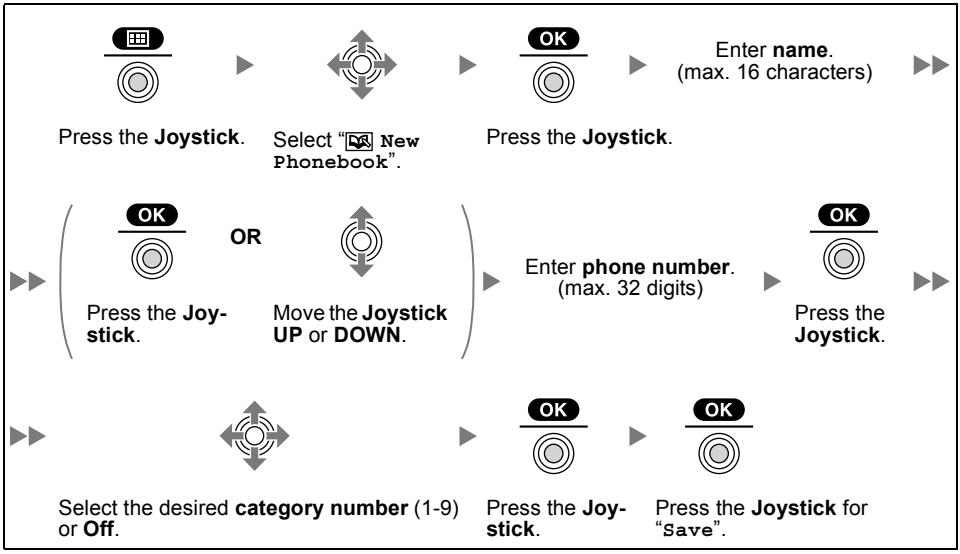
You can organise entries in the Phonebook into one of 9 Private Ring Categories. It is possible to set a different ringer/LED/vibrate pattern*1 for each category. When the displayed Caller ID*2 matches a phone number or name stored in the Phonebook, the handset rings according to the Private Ring Category settings.

*1 For Ringer/LED/Vibrate patterns, see page 49.

*2 For Caller ID information, see “Caller ID” on page 28.

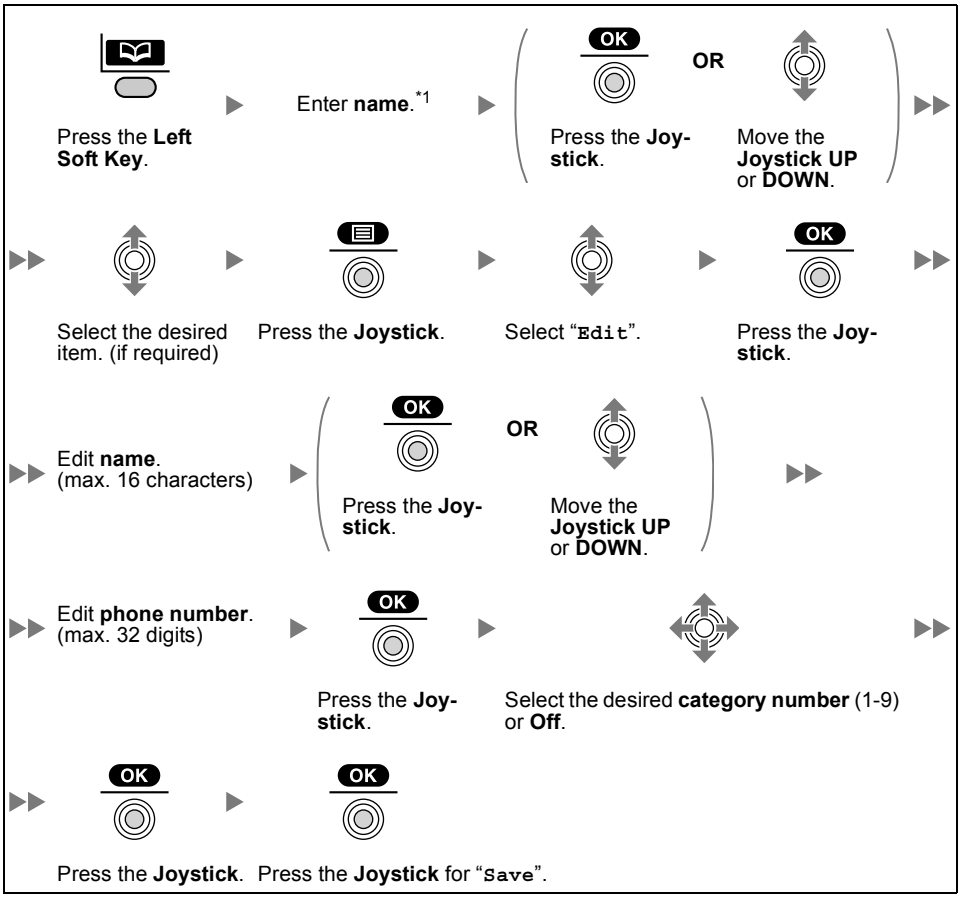
Storing an Item in the Handset Phonebook

Storing a New Item



- To enter characters, see page 42.
- The valid digits are “0” through “9”, “*”, “#”, “P ( )”.
- When storing an outside phone number, you should first store a line access number.

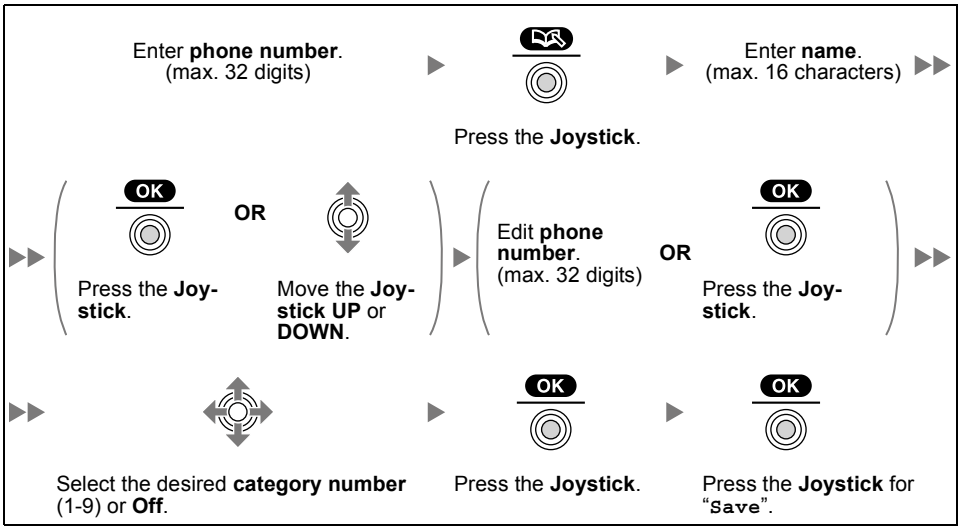
Editing a Stored Item



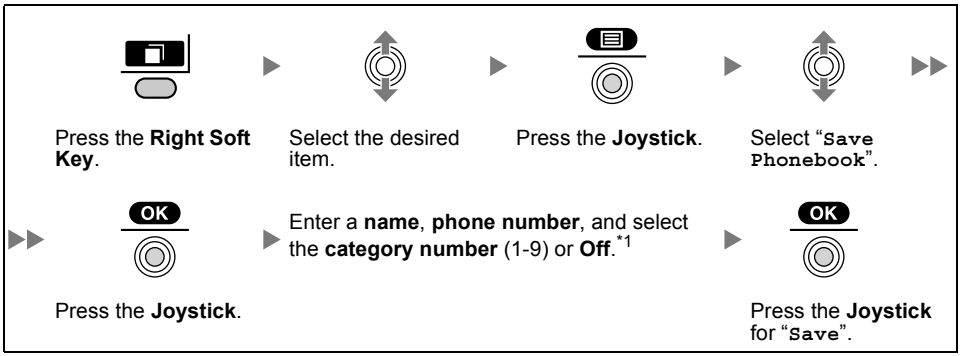
*1 This step can be omitted.

- To enter characters, see page 42.
- To search for an item in the Phonebook, see page 24.
- The valid digits are "0" through "9", "*", "#", "P (P)".
- To change a character or digit, move the Joystick to highlight it, press (XFER) to delete it, then enter the new character or digit.
- To clear an entire line, press (XFER) for more than 1 second.
- To move the cursor to the left or right, move the Joystick or , respectively.

Storing an Item Using the Predialling



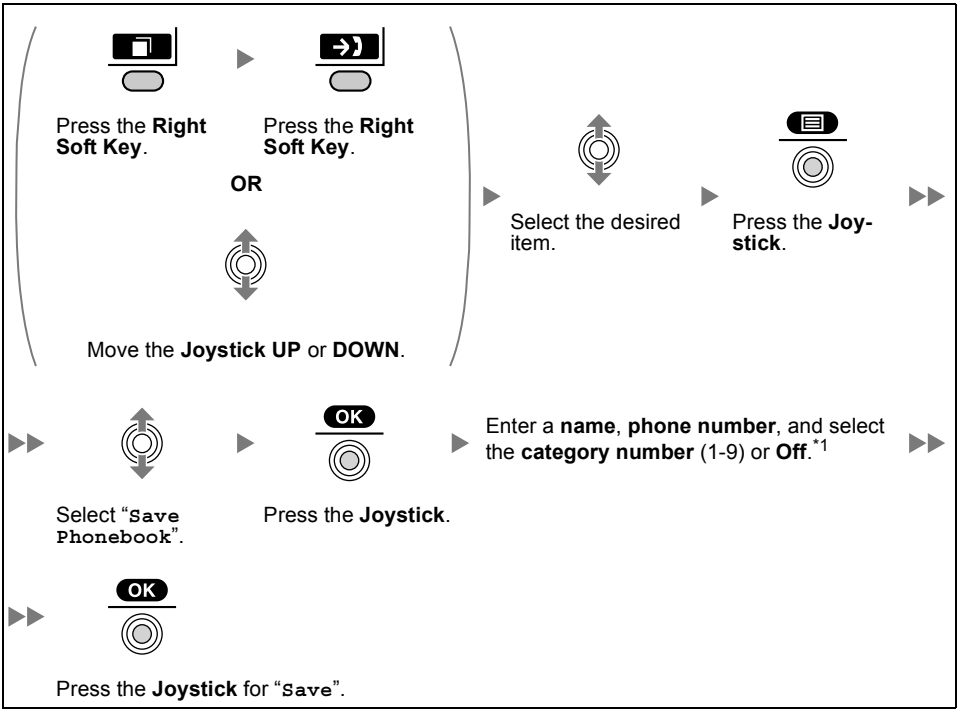
Storing an Item Using the Outgoing Call Log


Press the **Right Soft Key**.
Select the desired item.
Press the **Joystick**.
Select "**Save Phonebook**".
OK
Press the **Joystick**.
Enter a **name**, **phone number**, and select the **category number** (1-9) or **Off**.*1
OK
Press the **Joystick** for "**Save**".

*1 Press OK to confirm each entry. (**name**: max. 16 characters/**phone number**: 32 digits)

- When storing an outside phone number, the line access number will be stored automatically. The line access number must be identical to the handset's "**Line Access CD**" setting (**Other Option**). (See page 54.)

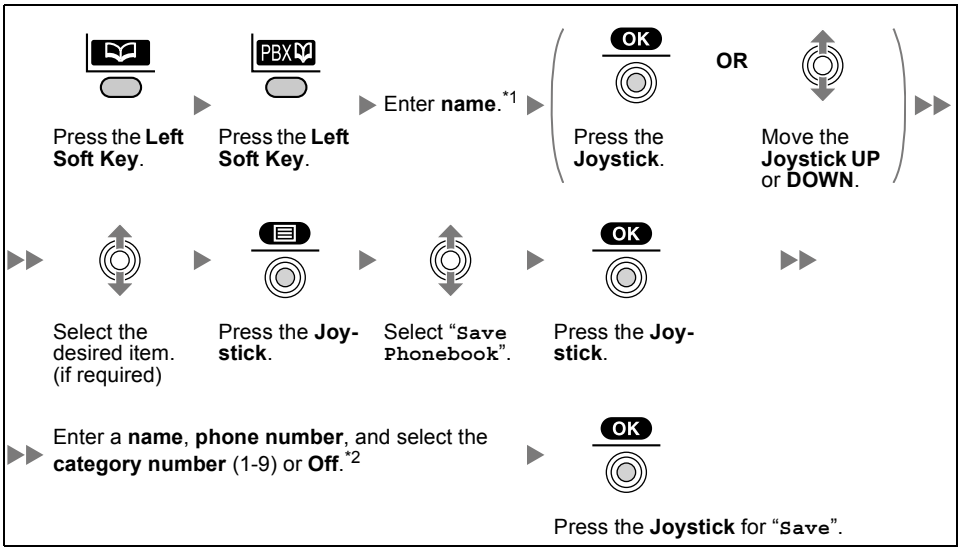
Storing an Item Using the Incoming Call Log


Press the **Right Soft Key**.
Press the **Right Soft Key**.
OR
Move the **Joystick UP** or **DOWN**.
Select the desired item.
Press the **Joystick**.
Enter a **name**, **phone number**, and select the **category number** (1-9) or **Off**.*1
Select "Save Phonebook".
Press the **Joystick**.
Press the **Joystick** for "Save".

*1 Press OK to confirm each entry. (**name**: max. 16 characters/**phone number**: 32 digits)

- When storing an outside phone number, the line access number will be stored automatically. The line access number must be identical to the handset's "**Line Access CD**" setting (**Other Option**). (See page 54.)

Storing an Item Using the PBX System Phonebook

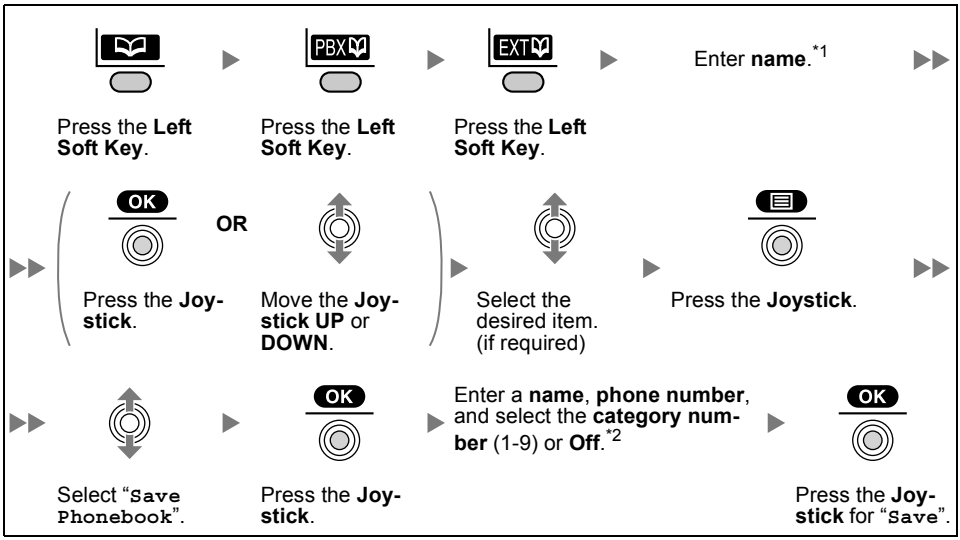

Press the **Left Soft Key**.
Press the **Left Soft Key**.
Enter **name**.*1
OK
Press the **Joystick**.
OR
Move the **Joystick UP** or **DOWN**.
Select the desired item. (if required)
Press the **Joystick**.
Select "Save Phonebook".
Press the **Joystick**.
Enter a **name**, **phone number**, and select the **category number** (1-9) or **Off**.*2
OK
Press the **Joystick** for "Save".

*1 This step can be omitted.

*2 Press OK to confirm each entry. (**name**: max. 16 characters/**phone number**: 32 digits)

• To search for an item in the Phonebook, see page 24.

Storing an Item Using the PBX Extension Phonebook


Press the **Left Soft Key**.
Press the **Left Soft Key**.
Press the **Left Soft Key**.
Enter **name**.*1
OK
Press the **Joystick**.
OR
Move the **Joystick UP** or **DOWN**.
Select the desired item. (if required)
Press the **Joystick**.
Select "Save Phonebook".
Press the **Joystick**.
Enter a **name**, **phone number**, and select the **category number** (1-9) or **Off**.*2
OK
Press the **Joystick** for "Save".

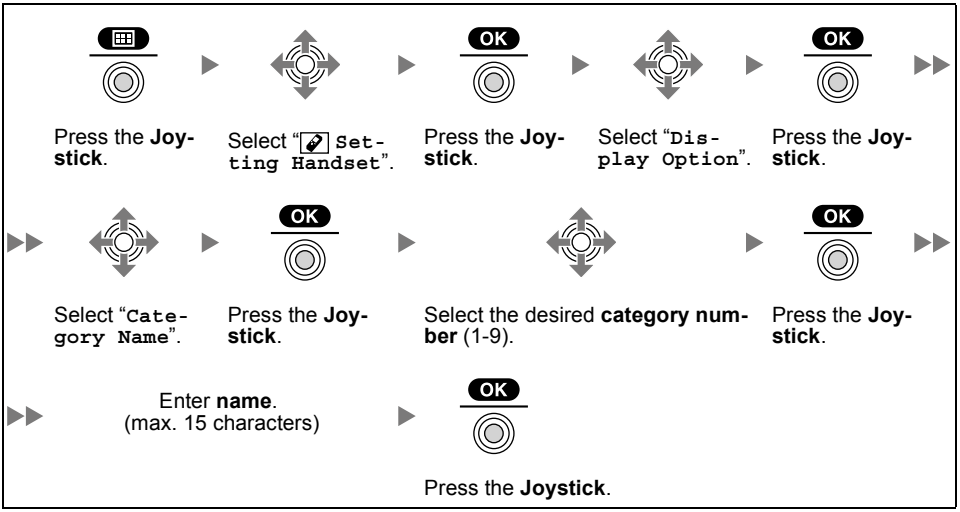
*1 This step can be omitted.

*2 Press OK to confirm each entry. (**name**: max. 16 characters/**phone number**: 32 digits)

- To search for an item in the Phonebook, see page 24.

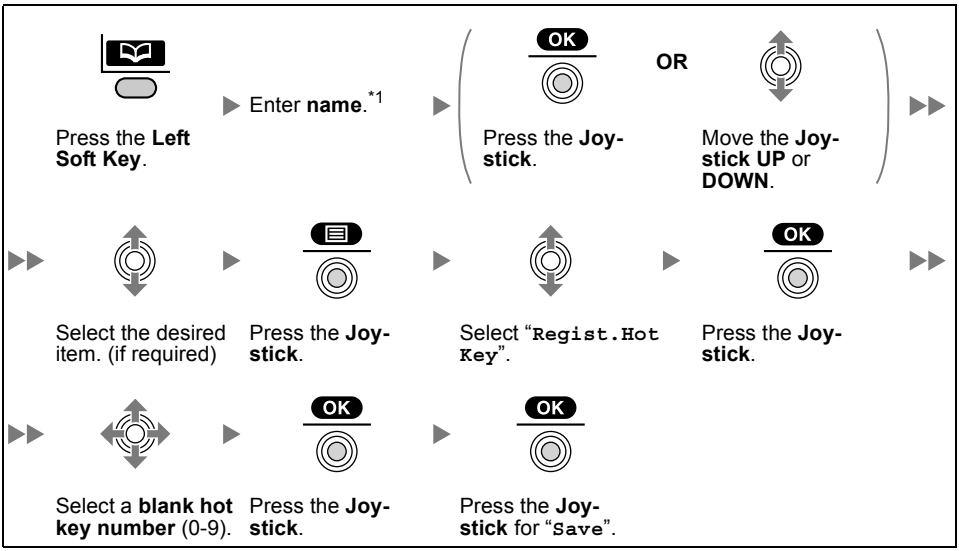
Editing Category Names

You can edit the names of the categories in the Handset Phonebook.



Assigning Hot Keys

You can assign a phone number stored in the Handset Phonebook to a key to be used as a Hot Key.

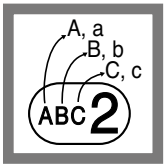


*1 This step can be omitted.

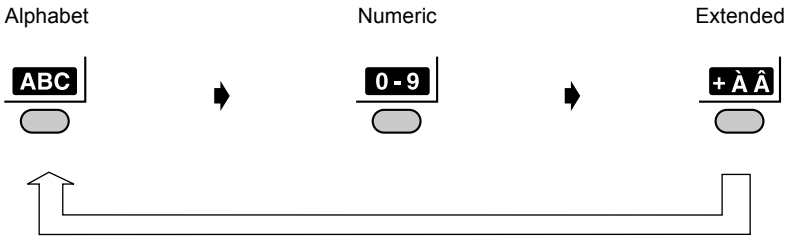
- To search for an item in the Phonebook, see page 24.
- A " ✓ " will be displayed next to hot key numbers that have a Phonebook item registered to them.

Entering Characters

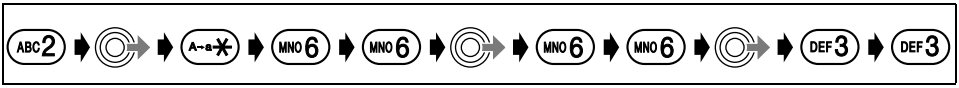
You can enter characters and digits using the dialling keys.
You can select one of 3 character modes by pressing the **Right Soft Key** while entering a name. The function icon above the soft key displays the current character mode.
See “Character Mode Table” (page 43) for available characters.



To change the character mode while editing a name in the Phonebook, press the **Right Soft Key**.



Example: To enter “**Anne**” in Alphabet Mode.



- To switch between uppercase and lowercase, press A~a~*.
- To enter a character located on the same dialling key as the previous character, move the cursor by moving the Joystick, then enter the desired character.
- If you enter a different character by mistake, move the Joystick to highlight the character, press CLR to delete it, then enter the correct character.
- To clear an entire line, press CLR for more than 1 second.
- To move the cursor, move the Joystick.

Character Mode Table

Keys	ABC (Alphabet)	0-9 (Numeric)	+ÀÂ (Extended)
1	Space # & ' ( ) * , – . / 1	1	Space # & ' ( ) * , – . / 1
ABC 2	A B C 2	2	A À Á Â Ã Ä Å Æ B C Ç 2
	a b c 2		a à á â ã ä å æ b c ç 2
DEF 3	D E F 3	3	D E È É Ê Ë Ẽ F 3
	d e f 3		d e è é ê ë ẽ f 3
GHI 4	G H I 4	4	G Ğ H I Ì Í Î Ï Ĩ İ Ǐ 4
	g h i 4		g ğ h i ì í î ï ĩ ı ǐ 4
JKL 5	J K L 5	5	J K L 5
	j k l 5		j k l 5
MNO 6	M N O 6	6	M N Ñ O Ò Ó Ô Õ Ö ø 6
	m n o 6		m n ñ o ò ó ô õ ö ø 6
PQRS 7	P Q R S 7	7	P Q R S Ş ß 7
	p q r s 7		p q r s Ş ß 7
TUV 8	T U V 8	8	T U Ù Ú Û Ü Ũ V 8
	t u v 8		t u ù ú û ü ũ v 8
WXYZ 9	W X Y Z 9	9	W Ŵ X Y ŷ Z 9
	w x y z 9		w Ŵ x y ŷ z 9
OPER 0	Space 0	0	Space 0

- Press * before or after entering a character to change between uppercase and lowercase.
- Pressing a key repeatedly will cycle through the characters associated with that key. For example, to enter the letter “C”, press ABC 2 three times.

Locking the Handset Phonebook

You can lock/unlock the Phonebook while the handset is in standby mode.

Locking the Handset Phonebook



Press the **Left Soft Key** for more than 2 seconds.

▶



Locked.

Unlocking the Handset Phonebook



Press the **Left Soft Key** for more than 2 seconds.

▶ Enter your **password**[*1]. (default: 1234) ▶ You can view the Phonebook and use it to make calls. ▶▶

▶▶



Press **CANCEL**.

▶



Unlocked.

Unlocking the Handset Phonebook Temporarily



Press the **Left Soft Key** for less than 2 seconds.

▶ Enter your **password**[*1]. (default: 1234) ▶ You can view the Phonebook and use it to make calls. ▶▶

▶▶



Press **CANCEL**.

▶

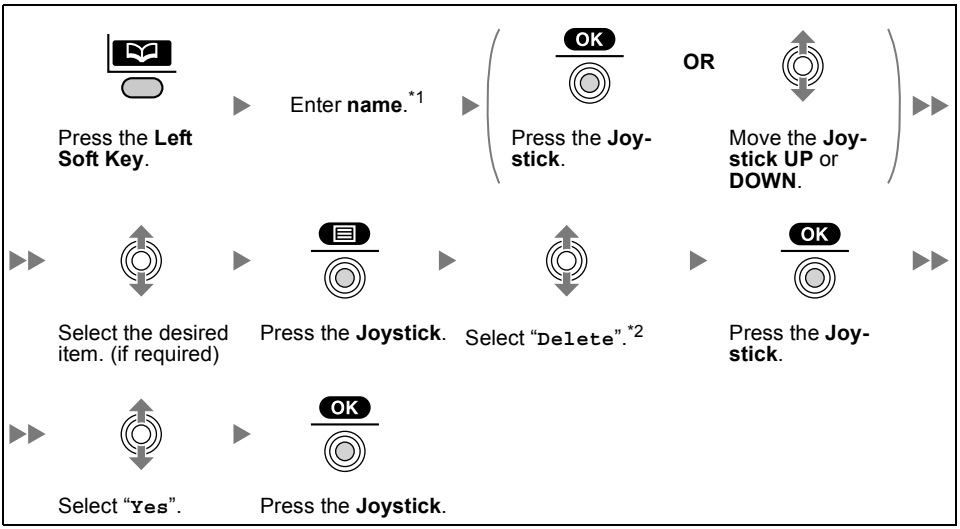


Still locked.

*1 To change the password, see page 54.

Deleting Stored Items in Handset Phonebook/Hot Key Dial/Outgoing Call Log/Incoming Call Log

Handset Phonebook

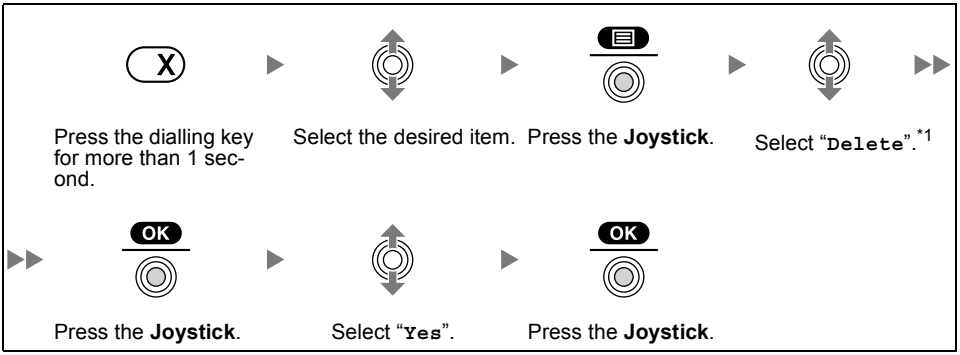


*1 This step can be omitted.

*2 Select "**Delete All**" if you want to delete all items.

- To search for an item in the Phonebook, see page 24.

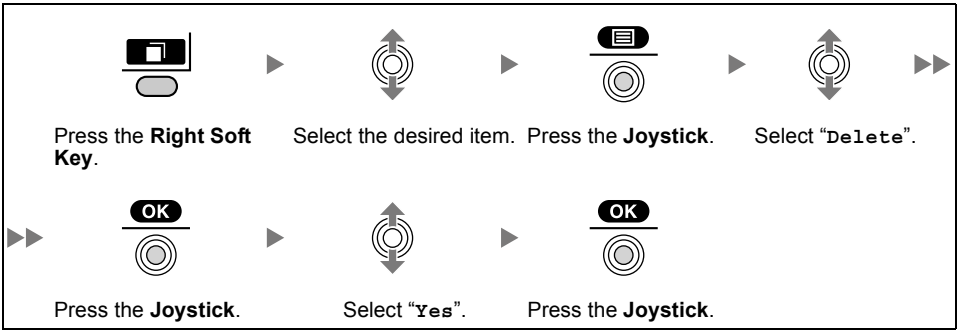
Hot Key Dial



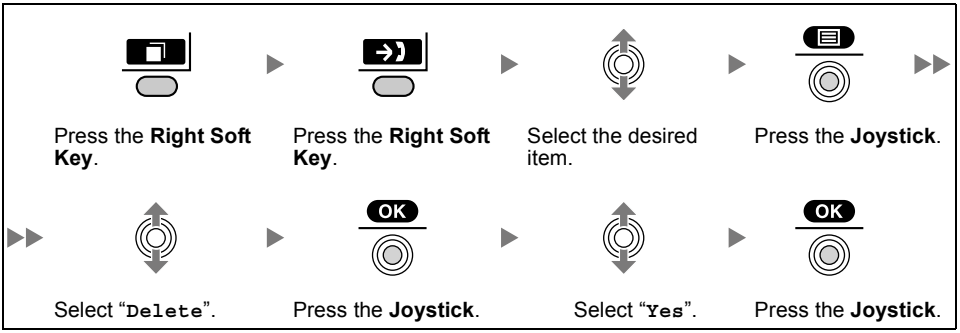
*1 Select "**Delete All**" if you want to delete all items.

- If you delete a Phonebook item that you also assigned to a Hot Key, the Hot Key Dial is also deleted. (See page 41.)

Outgoing Call Log

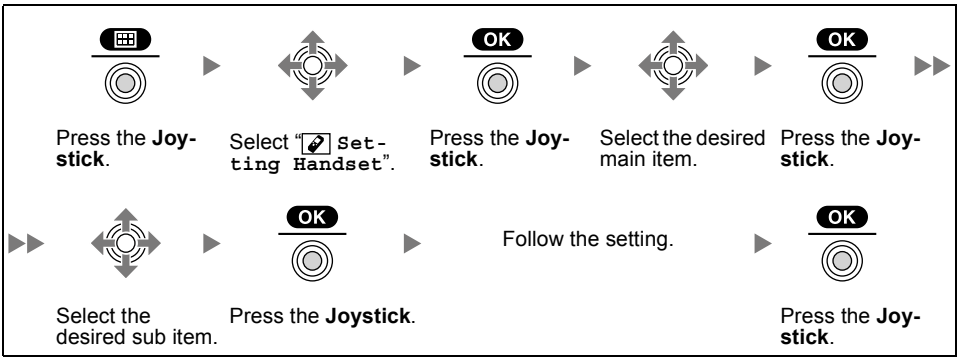


Incoming Call Log



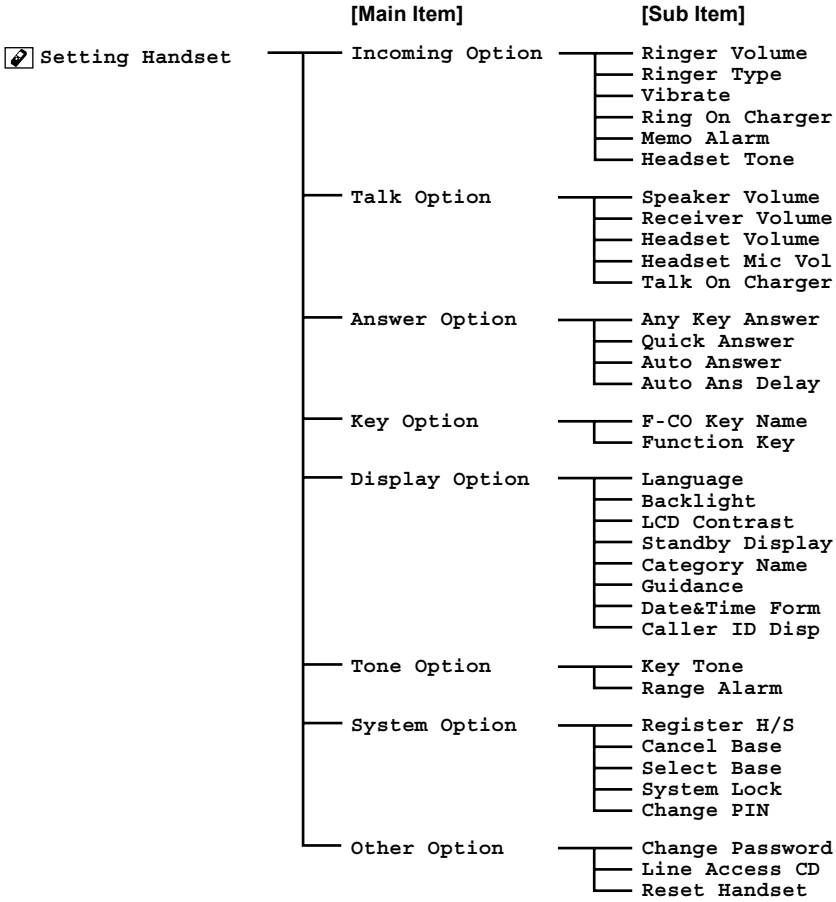
Changing the Initial Settings

You can customise the handset by editing the settings found under "**`Setting Handset`**" in the menu list, as follows:



- To return to the previous menu, press .
- To cancel, press at any time.
- The handset will beep to indicate that the new settings have been saved.

Handset Setting Menu Layout



Incoming Option

Sub Item	Description	Setting	Default
Ringer Volume	Adjusts the ringer volume.	☐ Step Up ☐ Step Down ☐ Level 1-6 ☐ Off	Level 3
Ringer Type – **Intercom Ring** – **CO Ring** – **Group Ring** – **Private Ring (Category 1-9)**	**Ringer Pattern** Selects the ringer pattern for each type of call.	☐ Bell 1-6 ☐ Melody 1-9	Bell 1
	LED Pattern Selects the LED pattern for each type of call.	☐ Red ☐ Green ☐ Orange ☐ R→G→O	CO Ring: Red Intercom Ring/ Private Ring: Green Group Ring: Orange
	Vib. Pattern Selects the vibrate pattern for each type of call.	☐ Single ☐ Double ☐ Triple ☐ Short Double ☐ Short Triple ☐ Short Term ☐ Continuous	Single
Vibrate	Selects whether the handset vibrates while receiving a call.	☐ Vib.& Ring ☐ Vib.→ Ring ☐ Off	Off
Ring On Charger	Selects the ringing mode (On or Off) while a handset is set on the charger.*1	☐ On ☐ Off	On

Sub Item	Description	Setting	Default
Memo Alarm	**Ringer Pattern** Selects the ringer pattern for each Memo Alarm.	☐ Bell 1-6 ☐ Melody 1-9	Bell 1
	LED Pattern Selects the LED pattern for each Memo Alarm.	☐ Red ☐ Green ☐ Orange ☐ R→G→O	Green
	Vib. Pattern Selects the vibrate pattern for each Memo Alarm.	☐ Single ☐ Double ☐ Triple ☐ Short Double ☐ Short Triple ☐ Short Term ☐ Continuous	Single
Headset Tone	Selects whether a tone is heard from the attached headset while receiving a call.	☐ On ☐ Off	Off

*1 When "**Ring On Charger**" is set to on but "**Ringer Volume**" is set to off, the handset rings at level 1.

Talk Option

Sub Item	Description	Setting	Default
Speaker Volume	Adjusts the rear speaker volume.	Level 1-6	Level 3
Receiver Volume	Adjusts the receiver volume.	Level 1-4	Level 2
Headset Volume	Adjusts the headset speaker volume.	Level 1-4	Level 2
Headset Mic Vol	Adjusts the headset microphone volume.	Level 1-4	Level 1
Talk On Charger	Selects whether or not to continue the conversation when the handset is put on the charger during a conversation.	☐ On ☐ Off	Off

Answer Option

Sub Item	Description	Setting	Default
`Any Key Answer`	Answers a call by pressing any dialling key.	☐ On ☐ Off	Off
`Quick Answer`	Answers a call while charging by just lifting up a handset from the charger.	☐ On ☐ Off	Off
`Auto Answer`	Selects the types of calls that can be answered by AUTO ANSWER.	☐ Int Only ☐ Int & CO	Int Only
`Auto Ans Delay`	Selects the number of seconds before a call is automatically answered when Auto Answer is turned on.	0 s-20 s	6 s

Key Option

Sub Item	Description	Setting	Default
`F-CO Key Name`	Edits the names of the flexible CO keys.	Max. 12 characters x 12 flexible CO keys x 4 bases	Not stored
`Function Key`	Edits Function Key list.	☐ Redial ☐ Fwd/DND ☐ Flash/Recall ☐ Auto Answer ☐ Conference ☐ Pause ☐ Auto Dial ☐ PBX Program ☐ None*1	1: Redial 2: Fwd/DND 3: Flash/Recall 4: Auto Answer 5: Conference 6: Pause 7: Auto Dial 8: None 9: None 0: PBX Program

*1 Used to cancel the settings.

Display Option

Sub Item	Description	Setting	Default
Language	Selects the display language.	☐ Auto ☐ English ☐ Español ☐ FRANÇAIS	Auto
Backlight	Turns on the backlight of the LCD and keypad.	☐ On ☐ On & Receiving ☐ Off	On
LCD Contrast	Adjusts the LCD contrast.	Level 1-5	Level 3
Standby Display	Selects the display in standby mode.	☐ H/S No. ☐ Base & H/S No. ☐ Edit	H/S No.
	Edits the name displayed on the LCD while in standby mode.	Max. 16 characters/4 digits	Not stored
Category Name	Edits the names of the categories.	Max. 15 characters x Category (1-9)	Not stored
Guidance	Selects whether the guidance display is shown or not in standby mode.	☐ On ☐ Off	On
Date&Time Form	Selects the format for the date shown on the display in standby mode.	☐ DD-MM 12H ☐ DD-MM 24H ☐ MM-DD 12H ☐ MM-DD 24H ☐ DD-MM-YY ☐ MM-DD-YY	MM-DD 12H
Caller ID Disp	Selects which caller information is displayed when a call is received. Either the information stored in the Handset Phonebook or the PBX can be displayed.	☐ H/S Phonebook ☐ PBX Setting	PBX Setting

Tone Option

Sub Item	Description	Setting	Default
Key Tone	Turns the key tone on or off.	☐ On ☐ Off	On
Range Alarm	Selects whether the range alarm tone rings or not.	☐ On ☐ Off	On

System Option

Sub Item	Description	Setting	Default
Register H/S	Registers a handset to a base.	Base 1-4	Not stored
Cancel Base[*1]	Cancels the registration of a handset.	Base 1-4[*2]	
Select Base[*1]	Selects a base.	☐ Auto ☐ Base 1-4	Auto
System Lock	Selects whether to lock the **System Option** set or not.	☐ On[*3] ☐ Off	Off
Change PIN	Before registering your handset with a PBX, enter the PBX's PIN here. Once you have registered the handset with a PBX, this PIN can be changed so that the handset can be registered to an additional PBX.	Enter the PIN number. (max. 8 digits)	1234

*1 Only registered base is shown.

*2 You can select multiple bases simultaneously.

*3 Password is required. (4 digits)

Other Option

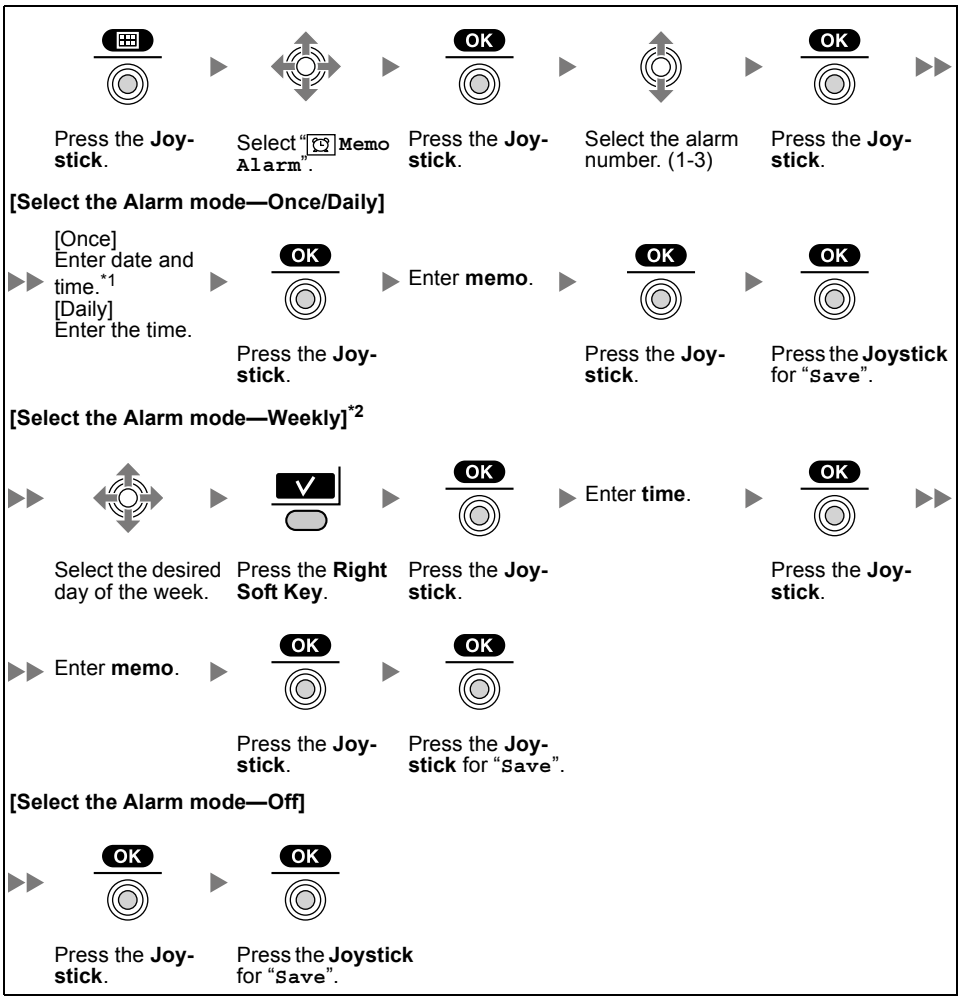
Sub Item	Description	Setting	Default
Change Password	Changes the handset password (4 digits) used for unlocking the Handset Phonebook and using the "**Reset Handset**" option.	Enter Old Password. ↓ Enter New Password. ↓ Verify New Password.	1234
Line Access CD	Enters the line access code that matches the setting of your PBX. Three access line codes can be stored.	Select a number, then enter the code. (max. 6 digits)	No.1: 9 No.2: 8XX*1 No.3: Not Stored
Reset Handset	Returns the handset settings to its default settings.	Enter Password. (4 digits) ↓ Select the desired item(s). ↓ Press "OK".	Not stored

*1 XX is identical to the Outside line group number, and 8XX represents any 3-digit code starting with "8".

Memo Alarm Setting

An alarm will sound at the set time. A memo can also be displayed. Memo Alarm is available only when handset is within range of a CS.

To set

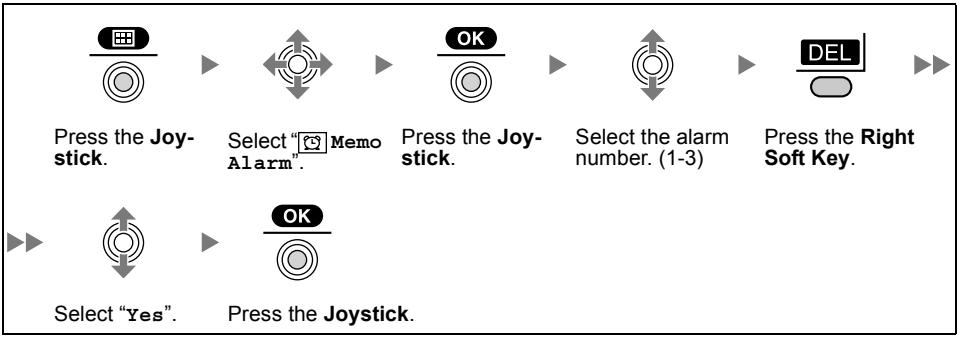


*1 You can select the format for the date and time. (See page 52.)

*2 A "✓" will be displayed next to a day of the week that have been set.

- You can select the ringer/LED/vibrate pattern for each Memo Alarm. (See page 50.)
- If you are on a call at the time that the alarm is set to sound, it will sound after you have ended the call.

To delete the alarm mode setting



To stop the alarm

Press all keys other than soft keys.

Troubleshooting

Problem	Possible Cause	Solution
The handset does not work.	**The battery is drained.**	Charge the battery fully. (See “Charging the Battery” on page 5.)
	The power is OFF.	• Turn it ON. (See “Location of Controls” on page 7.) • Re-insert the battery and try again. (See “Battery Installation” on page 5.)
The handset does not ring.	**Ringer volume is set to “Off”.**	Adjust the ringer volume level. (See “Adjusting the Ringer Volume” on page 12.)
You cannot make/ receive a call.	**The handset is out of range, or the CS is busy.**	Move closer to the CS or try again later.
	The radio channel is busy, or a radio communication error occurred.	Try again later.
You cannot dial.	**The number that you dialled is restricted by the PBX.**	Consult your dealer.
	Key lock mode is ON.	To cancel the mode, press the Joystick for about 2 seconds. (See “Key Lock” on page 8.)
	The radio channel is busy or a radio communication error occurred.	Try again later.
The handset stops working during operation.		• Turn the handset off, then turn it back on. (See “Location of Controls” on page 7.) • Re-insert the battery and try again. (See “Battery Installation” on page 5.)
You cannot use the handset during a power failure.	**The handset will not function during a power failure because the PBX stops emitting radiowaves.**	
The headset does not work.	**A headset tone cannot be heard when receiving an incoming call when the headset is attached.**	• Make sure the headset tone setting is set to on. (See “Incoming Option” on page 49.) • Make sure the headset jack is connected properly. (See “Location of Controls” on page 7.)
The tone from the headset cannot be changed to a bell or melody.	**The headset tone is a specific tone and is not related to the Incoming Option settings (Ringer Type).**	
Noise is frequently heard.		• Set the handset and CS away from other electrical appliances. • Move closer to the CS.

Problem	Possible Cause	Solution
Two short beeps are heard during a conversation.	**The radio signal is weak.**	Move closer to the CS.
The charge indicator flashes red rapidly.	**The charger is not connected properly.**	• Make sure the battery is inserted properly. • Set the handset in the charger properly.
You charged the battery for 7 hours, but the beep tones sound, and ▭ (needs to be charged) flashes after a few telephone calls.	**The battery charge contacts may be dirty.**	Clean the battery charge contacts without damaging them and charge once more.
	It is time to change the battery.	Replace with a new one.
While operating the handset, the AC adaptor feels warm. While charging the battery, the handset feels warm.	**These are normal conditions.**	

Error Messages

Error Message	Possible Cause	Solution
`Register Unit`	**The handset has been cancelled or the handset has not been registered.**	Consult your dealer.
`No Service`	**The handset is out of range.**	Move closer to the CS.
	The CS is turned off.	Make sure the power cord is connected.
`PS Not Connected`	**The called handset is out of range or is not turned on.**	Try again later.
`CS Busy`	**The CS is busy.**	Try again later.
`Please Wait...`	**The handset is connecting to the CS or PBX.**	Wait for a moment.
`Charge Battery`	**The handset battery has little charge remaining.**	Charge the battery fully. (See “Charging the Battery” on page 5.)
`No Entries`	**When trying to view the Phonebook: No items have been stored. (See “Storing an Item in the Handset Phonebook” on page 35.) When trying to view the Incoming or Outgoing Call Log: No logs have been stored.**	
`Memory Full`	**The Phonebook is full and cannot store the new item.**	Remove unnecessary data in the Phonebook and try again.
`Incorrect Entry`	**The numbers you entered are invalid.**	Recheck your entry (max. 5 digits) and try again.
`Need Repair 1(-2)`		Consult your dealer.

Battery Information

After your Panasonic battery is fully charged (at 25 °C [77 °F]):

Operation	Operating Time
While in use (Talk)	Up to about 10 h
While not in use (Standby)	Up to about 168 h

- Operating time may be shorter than listed above depending on usage conditions and ambient temperature.
- The battery will drain slowly even while the handset is turned off.
- The handset can receive calls while charging.
- Battery consumption increases when the handset is used out of range. If "Y" flashes, power off the handset.

Low Battery Warning

The battery needs to be charged in the following situations:

- "▭" flashes, and the alarm sounds*1.
- "**Charge Battery**" is displayed. In this situation, the handset cannot be operated.

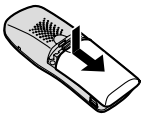
*1 If the low battery warning occurs during a conversation, the call will be automatically disconnected one minute after the alarm sounds.

Replacing the Battery

If "▭" flashes after using the phone for a short time, even when the battery has been fully charged, the battery should be replaced.

Before replacing the battery, make sure the low battery warning is displayed, then turn off the power to prevent memory loss. Replace the battery and charge the new battery for about 7 hours.

If you replace the battery before the low battery warnings appears, the battery strength icon may display an incorrect reading. In this case, use the handset as normal with the new battery installed. When the low battery warning is displayed, charge the battery for about 7 hours. The battery strength icon will then display the correct reading.



1. Turn the power off to prevent memory loss.
2. Press the notch on the cover firmly and slide it as indicated by the arrow.
3. Open the cover and replace the battery.
4. Close the cover and charge the handset.

- Please use a Panasonic battery with the service part number N4HHGMB00005 or HHR-P103.



This product is powered by a recyclable nickel-metal hydride battery. Please call 1-800-8-BATTERY for information on how to recycle this battery. There is a danger of explosion if the battery is incorrectly replaced.

Important Safety Instructions

When using your telephone equipment, basic safety precautions, including those below, should always be followed to reduce the risk of fire, electric shock and injury to persons.

1. Read and understand all instructions.
2. Follow all warnings and instructions marked on this product.
3. Unplug the charger from the AC outlet before cleaning. Do not use liquid or aerosol cleaners. Clean with a damp cloth.
4. Place the charger on a stable surface.
5. The charger should only be connected to the type of electric power supply specified on the charger label. If you are not sure of the type of power supply to your home, consult your dealer or local power company.
6. Do not allow anything to rest on the power cord. Do not locate the charger where the power cord may be stepped on or tripped on.
7. To reduce the risk of fire or electric shock, do not overload AC outlets and extension cords.
8. Do not insert objects of any kind into this product through openings, as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
9. To reduce the risk of electric shock, do not disassemble this product. Only qualified personnel should service this product. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect reassembly can cause electric shock.
10. Unplug the charger from the AC outlet and have the product serviced by qualified service personnel in the following cases:
    - **A.** When the power supply cord or plug is damaged or frayed.
    - **B.** If liquid has been spilled on the product.
    - **C.** If the product has been exposed to rain or water.
    - **D.** If the product does not work normally by following this manual. Adjust only controls covered by this manual. Improper adjustment may require repair by an authorised service centre.
    - **E.** If the product has been dropped or damaged.
    - **F.** If the product's performance deteriorates.
11. Avoid using a wired telephone during an electrical storm. There is a remote risk of electric shock from lightning.
12. Do not use the telephone in the vicinity of a gas leak to report the leak.

SAVE THESE INSTRUCTIONS

CAUTION

To reduce the risk of fire or injury to persons, read and follow these instructions.

1. Use only the AC adaptor, battery and charger indicated in this manual.
2. Do not dispose of the battery in a fire. They may explode. Check with local authorities for special disposal instructions.
3. Do not open or disassemble the battery. Released electrolyte is corrosive and may cause burns or injury to the eyes or skin. The electrolyte is toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery to conductive materials such as rings, bracelets, and keys. The battery and/or conductor may overheat and cause burns.
5. Charge the battery provided with, or identified for use with, this product only in accordance with the instructions and limitations specified in this manual.
6. There is a danger of explosion if the battery is incorrectly replaced.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this product.

NOTICE

Operation is subject to the following two conditions: (1) this product may not cause interference, and (2) this product must accept any interference, including interference that may cause undesired operation of the product.

Privacy of communications cannot be ensured when using this phone.

Some wireless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the wireless telephone should not be placed near, or on top of, a TV or VCR. If interference is experienced, move the wireless telephone farther away from the TV or VCR. This will often reduce, or eliminate, interference.

Using this telephone near 2.4 GHz electrical appliances may cause interference to one or both devices. Move away from the electrical appliances.

For handset body-worn operation, this handset must be used with the provided plastic belt clip, which assures no metal parts and minimum of 1.5 cm spacing from the user's body. This transmitter must not be co-located or operated in conjunction with any other antenna or transmitter.

This Class B digital apparatus complies with Canadian ICES-003.

Take special care to follow the safety suggestions listed below.

Safety

1. The product should only be connected to a power supply of the type described in this manual or as shown on the label on the product.
2. When you leave the product unused for a long period of time, unplug the AC adaptor from the outlet.

Installations

Environment

1. Do not use the product near water, for example, near a bathtub, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
2. Keep the product away from heating appliances and devices that generate electrical noise, such as fluorescent lamps and motors. These noise sources can interfere with performance of the product. It also should not be placed in rooms where the temperature is less than 5 °C (41 °F) or greater than 40 °C (104 °F). Allow 10 cm clearance around the product for proper ventilation.
3. When you operate this product, the AC outlets should be near the product and easily accessible.

Placement

1. Do not place heavy objects on top of this product.
2. Care should be taken so that objects do not fall onto, and liquids are not spilled into, the product. Do not subject this product to excessive smoke, dust, moisture, mechanical vibration, shock or direct sunlight.
3. Place the product on a flat surface.

Medical—consult the manufacturer of any personal medical devices, such as pacemakers, to determine if they are adequately shielded from external RF (radio frequency) energy. (The product operates in the frequency range of 2,401 MHz to 2,480 MHz and emits 0.40 watts of RF [radio frequency] power.) Do not use the product in health care facilities if any regulations posted in the area instruct you not to do so. Hospitals or health care facilities may be using devices sensitive to external RF (radio frequency) energy.

WARNING

TO PREVENT POSSIBLE FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

Unplug the charger from AC outlets if it emits smoke, an abnormal smell or makes unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped and contact an authorised service centre.

For Best Performance

Operating Range

1. The range of operation depends on the topography of your office, weather, or usage conditions, because signals are transmitted between the CS and the handset by radio waves.
2. Normally, you get greater range outdoors than indoors. If there are obstacles such as walls, noise may interfere with your telephone calls. In particular, high metal shelves or reinforced concrete walls will restrict your operating range.
3. A handset may not work when it is too far from the CS depending on the structure of the building.

Noise

Occasional noise or interference may occur due to electromagnetic radiation from objects such as refrigerators, microwave ovens, faxes, TVs, radios, or personal computers. If noise disturbs your telephone calls, keep the handset away from these electrical appliances.

We strongly suggest you hold the bottom half of the handset to ensure better call quality. Because, the antenna is located in the upper half of the handset.

System Requirements

PBX		CS
Model No.	**Main Processing (MPR) Software Version**	
KX-TDA30	PSMPR Software File Version 3.0005 or later	KX-TDA0151X KX-TDA0152X KX-TDA0141X KX-TDA0142X
KX-TDA100 KX-TDA200	PMPR Software File Version 3.0002 or later	
KX-TDA600	PLMPR Software File Version 3.1006 or later	
KX-TDE100 KX-TDE200	PMMPR Software File Version 1.0000 or later	

For your future reference

SERIAL NO. _____
(found inside the battery compartment)

DATE OF PURCHASE _____

NAME OF DEALER _____

DEALER'S ADDRESS _____

_____

_____

_____

DEALER'S TEL. NO. _____

Panasonic Canada Inc.
5770 Ambler Drive, Mississauga, Ontario L4W 2T3

http://www.panasonic.ca

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